NINETY - EIGHTH ANNUAL REPORT

The Victoria General Hospital

FOR THE PERIOD FROM JANUARY 1, 1964 TO DECEMBER 31, 1964

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To His Honour.

The Honourable Mr. H. P. MacKeen, C.D., Q.C.
Lieutenant-Governor of Nova Scotia

I have the honour respectfully to submit herewith the ninety-eighth Annual Report of the Victoria General Hospital at Halifax.

I have the honour to be.

Your obedient servant,

R. A. DONAHOE,
Minister of Public Health

The Honourable Mr. R. A. Donahoe, Q.C.
Minister of Public Health,
Province of Nova Scotia

Sir:

We have the honour to submit to you the Ninety-Eighth Annual Report of the Victoria General Hospital, covering the period January 1st, 1964 to December 31st, 1964.

MANUEL I. ZIVE,
Chairman, Board of Commissioners.

MINISTER OF PUBLIC HEALTH

THE HONOURABLE MR. RICHARD A. DONAHOE, Q.C.

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Miss K. Kinley, Ph.C., Chief Pharmacist
Miss M. T. Gillis, B.Sc., R.N., Supervisor of Out Patient Department
R. F. Horne, Maintenance Manager and Chief Engineer
A. G. Moignard, Stores Manager

DEPARTMENTS

Department	Head of Department
Medicine	Robert C. Dickson, O.B.E., C.D., M.D., F.R.C.P., (C), F.A.C.P.
Preventive Medicine	M. R. Macdonald, M.D., C.M., D.P.H., F.A.P.H.A.
Surgery	Ian MacKenzie, M.B.E., M.B., Ch.B., F.R.C.S. (Edin), F.A.C.S., F.R.C S.C.
Gynecololgy	W. R. C. Tupper, M.D., C.M., B.Sc., F.A.C.S., F.I.C.S., F.A.C.O.G:, Professor of Obstetrics & Gynecology (Dal)
Urology	C L. Gosse, B.Sc., M.D., C.M., F.A.C.S., F.I.C.S.
Radiology (Diagnostic)	J. S. Manchester, M.D., C.M.
Radiotherapy	R. M. Cunningham, M.D., D.M.R. T.
Psychiatry	R. O. Jones, B.Sc., M.D., C.M., F.A.P.A.
Neurosurgery	W. D Stevenson, M.D., M.S., F.R.C.S. (C)
Anaesthesia	C. S. Stoddard, M.D., C.M., F.A.C.A., F.I.C.A.

Analysis of Hospital Service for Year January 1st to December 31st, 1964

Service	Patients Discharged	Per cent New	Per cent Return	Per cent Improved	Per cent Unimproved	Per cent Undiagnosed	Per cent Untreated	P. O. Infections	Number of Deaths	Per cent under 48 hours	Per cent over 48 hours	Per cent Autopsies	No. deaths under 10 days Post-Op.	Average days per patient
Surgical A	663	44	56	92	8	.6	—	43	29	10	90	48	5	15
Surgical B	765	46	54	95	5	.1	—	33	16	25	75	43	—	16
Surgical C	773	46	54	95	5	.1	.1	16	13	23	77	53	3	11
Surgical D	662	49	51	91	9	—	—	35	39	12	88	41	3	16
Neurosurgery	685	67	33	91	9	—	—	18	40	47	53	52	9	12
Orthopedics	248	39	61	96	4	—	.4	4	1	—	100	100	—	24
Medicine A	826	33	67	86	14	.3	—	—	104	32	68	55	1	14
Medicine B	690	35	65	88	12	.8	—	—	55	23	77	76	2	14
Medicine C	601	43	57	87	13	—	—	—	49	26	74	40	1	20
Urology	875	33	67	95	5	—	.2	20	22	13	87	50	—	13
Gynecology	1323	44	56	98	2	1.6	.1	7	3	25	75	50	—	7
E.E.N. & T.	548	41	59	96	4	.1	—	—	2	50	50	—	—	10
Phychiatry	139	14	86	89	11	.7	—	—	—	—	—	—	—	23
Dermatology	28	32	68	93	7	—	—	—	1	—	100	—	—	10
Metabolism	215	22	78	98	2	—	—	—	—	—	—	—	—	10
Private and Semi	4731	45	55	96	4	.2	.02	107	115	13	87	20	6	15
Total	13772	44	56	94	6	.3	.05	283	489	23	77	45	30	14

The Board of Commissioners,
Victoria General Hospital
Halifax, Nova Scotia

Gentlemen:

I have the honour to submit the Ninety-Eighth Annual Report of the Victoria General Hospital for the year ending 31 December 1964

As usual, the past year has been the busiest in our history, and the increase in work done is not only confined to increased number of patients cared for, and additional services added, but to the expansion of services already in operation.

The Expansion Program of the Physical Plant is well under way, and the concrete and steel structural phase of the large extension, comprising Phase II of the project, is almost completed.

It is expected that Phase III, the completion of the structure, will be underway in the early summer of 1965, the expected date of completion being the Spring of 1967.

The following table is a summary of the year's work.

Number of Patients Treated (I.P., O.P. Clinic, Emergency)	36,313
Number of Patients Admitted	13,761
Number of Patients Treated in Emergency	13,246
Number of Patients Treated in Out Patient Clinic	9,306
Average Daily Occupancy	539
Average Hospital Days Per Patient	14.23
Total Hospital Days and Emergency	210,364
Percentage Occupancy	97%
Number Surgical Operations and Cystoscopic Examinations	10,254
Total Deaths	489
Total Deaths Within Forty-Eight Hours	126

During the year, Refresher Courses in certain specialties were provided for practitioners of the Province. These courses

are carried on by the Dalhousie Medical School and the Staffs of the various hospitals, but are held in the Victoria General Hospital.

Full time graduate training in the specialties of Internal Medicine, General Surgery, Urology, Gynaecology, Neurosurgery, Anaesthesia, Phychiatry, Pathology, Opthalmology and Oto-laryngology is being carried out.

To the Planning Committee, and all those who are contributing their time and efforts towards the planning of the new construction and the renovation of the present plant, go our thanks and appreciation.

The staff clinical conferences, open to all members of the profession are a very important part of the hospital program and play a large part in the advancement of the knowledge of medicine.

As the main teaching unit of Dalhousie Medical School, the Victoria General Hospital plays an increasingly large and vital role in the undergraduate and post-graduate training of the Medical profession. This is as it should be, for it is indeed true that the better the teaching the better the clinical care in a hospital.

Whatever success has been attained during the past year has been the result of the co-operation, loyalty and untiring efforts of all members of the staffs of every department making up the complex organization of the hospital. To each and every one the Administration extends its grateful thanks and wishes to emphasize its appreciation of their efforts.

The attending professional staff has given most freely of their time and skill in caring for the ward patients. To them we extend our appreciation and admiration of their fine work.

Too often, perhaps, the great role played in hospital by the Clergymen of all denominations does not receive sufficient recognition. The unfailing response to all calls upon them is noted gratefully by the hospital and by the patients.

The Red Cross Blood Donor Clinic renders an invaluable service to the ill by its free supply of whole blood and plasma.

The Victoria General Hospital Auxiliary continues to render fine service to the patients and is expanding its scope of service to the institution.

The Halifax Police Department and the Halifax Fire Department have rendered service of the highest order to this institution at all time. Both Departments have responded instantly to our many calls upon them and invariably have given the greatest co-operation and efficiency in dealing with our varied problems.

Our thanks go to the Honourable Minister, the Deputy Minister and all members of the Department of Public Health for aid, advice and encouragement at all times.

May I extend my thanks to you, the Board, for your interest and your efforts on behalf of this complex organization, the Victoria General Hospital.

I have the honour to be, Your obedient servant,

C. M. BETHUNE, M.D.
Administrator

DEPARTMENT OF MEDICINE

Total Discharges

Medicine A	826
Medicine B	690
Medicine C	601
Metabolism	215
Dermatology	28
	2360

The activity of the members of the Department in Cinical Investigation and Graduate Teaching is indicated by the fact that there were some eighteen presentations by the members of the department at various meetings throughout Canada and the

United States and some tweny-four publications in various journals.

DEPARTMENT OF SURGERY

Surgery A	663
Surgery B	765
Surgery C	773
Surgery D	662
Orthopedics	248

DEPARTMENT OF GYNAECOLOGY

Total number of patients admitted to ward	**1375**
Total abortions	**427**
Diagnosed malignant diseases (new & return)	**310**
Total patient visits to Out-Patient Dept. (Including post-operative clinic)	**928**
Total patient visits to Cancer Clinic	**1187**

DEPARTMENT OF NEUROSURGERY

Admissions	1157
Operative Procedures	1694

DEPARTMENT OF OPHTHALMOLOGY

Number of patients	257

DEPARTMENT OF OTOLARYNGOLOGY

Number of Patients	291

DEPARTMENT OF PSYCHIATRY

Number of Patients admitted to In-Patient Service	395
Number of consultations answered from other services	322
Number of new patients seen in Out-Patient	558
Total of all patients seen at Out Patient	4,072
Total number of visits made by these patients	7,375
Number of patients seen as Emergency after 5:00 p.m.	485

DEPARTMENT OF DIAGNOSTIC RADIOLOGY

Number of Patients	41,910..
Number of Examinations	66,085
Number of Miniatures	8,126
Number of Examinations including Miniatures	74,211

The Department has had a successful year. All X-Ray Technicians trained were successful in the C.S.R.T. examinations and three Residents were successful in obtaining their Certification by the Royal College of Physicians and Surgeons of Canada. New procedures have been instituted particularly in vascular and genito-urinary examinations. The volume of out-patient Radiology is increasing and severe demands are being placed on this department. It would seem likely that these demands will increase year by year.

DEPARTMENT OF UROLOGY

The breakdown of procedures performed in the operating rooms of the Department of Urology is as follows:

Cystoscopic and minor endoscopic operative procedures	1952
Major endoscopic operative procedures, including transurethral resections of the prostate, bladder tumours, etc.	168
Open operative procedures	386
Total	2506

DEPARTMENT OF ANAESTHESIA

	Table of Anaesthetic Administrations			
Quarter	**General**	**Spinal and Epidural**	**Regional**	**Total**
First	2,106	60	33	2,199
Second	2,118	49	16	2,183
Third	2,001	44	10	2,055
Fourth	1,955	55	25	2,035
Total	8,180	208	84	8,472

DEPARTMENT OF PREVENTIVE MEDICINE

No. of Staff x-rayed	1,331
No. of Outpatients x-rayed (miniature)	709
No. of Outpatients x-rayed (private & clinical)	4,230
No. of Hospital Patients x-rayed	10,853
No. of Hospital Admissions	13,760
No. of Visits by New Employees	495
No. of Immunization procedures at the Immunization Clinics	3,309

DEPARTMENT OF RADIATION THERAPY

Total Patients Treated January - December, 1964, including New and Return Patients

Malignant

Female Genital	140
Breast	143
Skin	71
Mouth, Lip, and Tongue	39
Blood and Retic	83
Lungs	85
Brain and Spinal Cord	49
Kidneys and Urinary Tract	40
Unknown Primary	9
Eye, Ear, and Nose	4
Male Genital	12
Larynx and Pharynx	39
Alimentary Tract	39
Thyroid and Adrenal	8
Bones and Joints	4
Pancreas	1
TOTAL MALIGNANT CASES TREATED IN 1964	766

Non-Malignant

Warts	55
Hemangiomata	3
Keloid	14
Acne, Dermatitis, Psoriasis	9
Herpes Zoster	1

Arthritis and Bursitis	13
Peyronies	15
Naso Pharynx	4
Tonsilitis	1
Pituitary Tumours	5
P. I. D.	1
Fungus Infection	1
TOTAL NON-MALIGNANT CASES TREATED IN 1964	122

Number of patients seen in consultation and no therapy offered in the year 1964 48

Number of reviews of patients previously treated for the year 1964 450

* * * * *

Isotope Tests Completed from January - December, 1964

1 131 uptakes	758
1 131 scans	366
Potassium perchlorate flush	6
Potassium thiocyanate flush	1
Urine excretion	5
Total body survey for metastasis	7
1 131 therapies	61
Triolein Fat Absorption	15
Oleic Acid Fat Absorption	7
Albumin metabolism	19
String Test using Chromium 51	3
Rose Bangal excretion studies	2
Gold 198 liver scans	31
Hippuran kidney function	139
Rubidium 86 renal circulation	125
Kidney scans	52
Plasma volume using albumin	18
Red blood cell mass using Chromium 51	60
Red blood cell survival	31
Splenic Sequestration studies	28
Spleen scans	1
Cobalt 57 schilling tests	115
Sodium 22 sodium space at 30 minutes	6
Iron turnovers	5

Iron absorption	1
1 131 RIHSA brain scans	73
Mercury 197 brain scan	72
Technetium 99m brain scans	19
Technetium 99m thyroid scans	8
Technetium 99m stomach scan	1
Technetium 99m eye scan	1
Strontium 85 bone scans	50
Metaboic studies with Sr 85	1
P 32 eye tumour localizations	8
Mercury 197 eye scans	5
Placenta localization with Chromium 51 labelled red cells	1
1 131 P.V.P. tests	1
TOTAL Isotope Tests completed in 1964	2102

* * * * *

Colloidal chromic phosphate P 32 for effusions	8
Gold grain implants	24
Strontium 90 eye applicators for ophthalmic disease	13
Radium needle implants	12
Radium moulds	3

Isotope Tests Performed at the Victoria General Hospital

1. Thyroid uptake of radioactive I 131
2. Thyroid scan with I 131 or Tc 99
3. Urine excretion of I 131
4. T-index-test-Fraser
5 Tri-iodio-thyronine vitro thyroid studies
6. KCLO 4 flush
7. KCNS flush
8. I 131 Conversion ratio (Protein Bound / Plasma)
9. Brain tumour localization with:
   - RI 131 HSA
   - Hg 197 Neohydrin
   - Tc 99
   - I 131 Cholegrafin
   - Hg 203 Neohydrin
10. Spleen scans with RBC's tagged with Cr 51
11. Liver scans with Au 198 or I 131 Rose Bengal
12. Kidney scans with:

Hg 197 Neohydrin
Hg 203 Neohydrin
I 131 Hippuran

13. Vertebral or bone scans with Sr 85
14. Pericardia effusion scans with R I 131 HSA
15. Eye tumour localization with P 32
16. Plasma volume determination with RI 131 HSA
17. Red cell volume with Cr 51
18. Red blood cell survival with Cr 51
19. Red blood cell curvival with Diisopropylfuorophosphate (DFP 32)
20. Determination of sites of R.C. destruction with Cr 51.
21. Plasma iron disappearance curve with Fc 59
22. Iron turnover studies with Fc 59 ferrous citrate
23. Iron absorption studies with Fc 59
24. Twenty-four hour or thirty minute sodium space with Na 22
25. Determination of total exchangeable K and Na with K 42 and Na 24
26. Copper excretion studies with Cv 64
27. I 131 gomma globulin turnover
28. Albumin turnover studies with I 131 RIHSA
29. Study of exchangeable Na and K with K 42 and Na 22
30. Strontium metabolic studies with Sr 85
31. I 131 PVP excretion studies
32. Liver function tests with I 131 Rose Bengal
33. Schilling test with Co 57 Vit B 12
34. Fat absorption studies with I 131 Triolein and I 131 Oleiacid
35. Kidney function test with I 131 Hippuran
36. Renal circulation study with Rb 86
37. Kidney function test with Hg 197
38. Test for malignant melanoma with P 32
39. Placenta localization with Cr 51
40. Urine excretion of P 32 as a test of P bone retention
41. Hormone synthesis and degradation studies with H 3 estradiol and testosterone or C 14 estradiol

* * * * *

NOVA SCOTIA TUMOUR CLINIC

Table 1: Clinic Attendance Record For 1964

Service	Old	New	Service Total
HAEMATOLOGY	320	20	340
GYNAECOLOGY	1163	24	1187
NEURO-SURGERY	71	5	76
OPTHALMOLOGY	21	4	25
ORTHOPAEDICS	30	8	38
OTHOLARYNGOLOGY	167	20	187
UROLOGY	170	17	187
SURGERY A	252	20	272
SURGERY B	530	34	564
SURGERY C	1154	153	1307
SURGERY D	113	22	135
BREAST*	441	53	494
TOTAL	4432	380	4812

* Clinic separated Sept. 1, 1964

TABLE 2: NEW CASES OF MALIGNANCIES IN 1964

Site	Number of Cases	Total
CANCER OF BUCCAL CAVITY AND PHARYNX		
Lip	42	
Tongue	8	
Mouth	22	
Salivary Glands	5	
Pharynx	6	
		83
CARCINOMA OF DIGESTIVE SYSTEM		
Esophagus	10	
Stomach	34	
Small Bowel	5	
Large Bowel	61	
Rectum	26	
Biliary Passages and Liver		
Liver	0	
Gall Bladder and Ducts	0	
Pancreas	8	
CANCER OF RESPIRATORY SYSTEM		
		144
Larynx	16	
Lung, Bronchus and Trachea	110	
Mediastium	3	
Neoplasm of Nose, Nasal Cavities, Middle Ear and Ass. Sinuses	9	
		138
CANCER OF FEMALE REPRODUCTIVE SYSTEM		
Female Breast	132	
Uterine Cervix	111	
Uterine Corpus	36	

Ovary	18	
Vagina	3	
Vulva	1	
		303
CANCER OF MALE GENITAL ORGANS		
Prostate	47	
Testis	2	
Penis	1	
		50
CANCER OF URINARY ORGANS		
Kidney	10	
Bladder	36	
Other	1	
		47
CANCER OF EYE	5	
		5
CANCER OF BRAIN AND NERVOUS SYSTEM	17	
		17
CANCER OF THYROID GLAND	8	8
CANCER OF BONE	12	
		12
CANCER OF CONNECTIVE TISSUE	6	
		6
LYMPHOMA		
Reticulum Cell Sarcoma	6	
Lymphosarcoma	8	
Hodgkin's Disease	12	
Other Forms of Lymphoma	4	
Multiple Myeloma	5	
Leukemia		
Acute	14	
Chronic	5	
		54
PRIMARY UNKNOWN	29	
		29
CANCER OF SKIN		
Melanoma of Skin	13	
Other Malignant Neoplasms of Skin	133	
		146
TOTAL		1042

PHARMACY

The following is a tabulation of the Pharmacy work output for the year, covering dispensing and manufacturing;

Prescriptions dispensed to Bed Patients 70,465

Prescriptions dispensed to Outpatients and Staff	24,297	
Supply Trays to Wards, Floors and special Nursing Units	2,650	
Supply Trays to Operating Rooms, Outpatient Department, Emergency etc.	988	
Solutions made	3,900	gal.
Lotions and emulsions made	50	gal.
Ointments compounded	400	lbs.
Sterile Irrigating Solutions	1,040	gal.
Effervescent Salts made	150	lbs.
Special Injections made (sterile)	100	vial

EMERGENCY DEPARTMENT

Emergency Cases	8,311
Private Cases	1,238
Return Visits	622
Patients Treated and Admitted through Emergency	3,075
Total Number of Patients Treated	13,246
Ambulance Calls	2,954
Cases Treated from Wards since April-1964	910

DIVISION OF LABORATORIES

The following is a summary of the units of work carried out by the Division of Public Health Laboratories for Victoria General Hospital patients during the calendar year of 1964.

Laboratory examinations*

	Units of work performed for	
	In-Patients	**Out-Patients**
Cerebrospinal fluid	8,266	177
Public Health Bacteriology	17,982	2,120
Parasitology	980	22
Serologic test for syphilis	13,896	2,350
Miscellaneous Serology	4,042	696
Tuberculosis	14,515	699
TOTAL	59,681	6,064

*Public Health bacteriology: bacteriophage typing; bacteriologic examination of stool, urine, and nose and throat fomites, and

smear and culture for N. gonorrhoeae, Parasitology: examination, including dark field, for ova and parasites. Miscellaneous serology: Paul Bunnell, P.B. adsorption, antistreptolysin-O, C reactive protein, Widal, Rose Waaler, and latex fixation tests.

This volume of work performed for the Hospital in 1964 represents an increase of 10.9% over that done in 1963 due to more work in examination of cerebrospinal fluid, public health bacteriology, and parasitology.

CLINICAL BACTERIOLOGY

Appended below is a breakdown of specimens received, and DBS work units processed.

V.G.H. Specimens

Year	No. of specimens	No. of units	% Increase over 1960
1960	13,127	62,000	
1961	16,420	86,192	38.8
1962	16,010	84,361	36.1
1963	22,715	113,762	83.3
1964	26,756	141,523*	128.3

* 24.4% increase over 1963.

VIROLOGY

During the year 1964, 239 specimens were received from a total of 107 patients. The breakdown of specimens was as follows:

Throat Washings	30
Eye Washings	26
Stools	52
C. S. F.	76
Sputum	9
Tissue	4
Blood	26
Other	16

CENTRAL SUPPLY

Treatment Trays Issued	111,360

Syringes individually wrapped (glass)	269,770
Syringes (glass) used on trays	28,590
Disposable 2½cc syringes used	88,182
Catheters individually wrapped	18,273
Flasks of water made up	4,200
8 oz. bottles of saline up	2,800
3 oz. bottles of water up	2,048

We had an increase of over 3000 trays over last year, and a very great increase in the use of syringes.

BLOOD SERVICE

Blood used PUBLIC SERVICE		TOTAL 3030
Blood used PRIVATE		TOTAL 1412
	GRAND	TOTAL 4442
Blood returned PUBLIC SERVICE		TOTAL 4535
Blood returned PRIVATE		TOTAL 2074
	GRAND	TOTAL 6609

BMR and EKG SERVICE

BMR'S:			
Ward	39		
Private In-Patients	69		
Private Out-Patients	47		
OPD	4		
TOTAL BMR'S		159	
EKG'S:			
Ward	4696		
Private In-Patients	1731		
Private Out-Patients	895		
OPD	390		
TOTAL EKG'S		7712	
TOTAL TESTS			7871

N. B. EKG increase since 1959	3528
1962	1964
1963	992

DEPARTMENT OF DIETETICS

Meals Served

Out-Patients	1,225
Diabetic Day Clinic	468

Cafeteria Meals	329,931
Ward Patients	303,309
Private Patients	176,361
Pavillion Patients	66,939
West Annex Patients	52,797
Metabolism Patients	8,250
Nurses' Infirmary	3,477
Cafeteria Night	18,230
Total	960,987

Special Diets—Included In Above Count

Ward Patients	69,141
Private Patients	39,387
Pavillion Patients	10,497
Metabolism Patients	2,295
West Annex Patients	9,492
Total	130,812

DIABETIC DIETS

Wards	16,863
Privates	6,975
Pavillion	951
Metabolism	1,146
West Annex	2,646
Total	28,581

Miscellaneous

Special Luncheons	11,211
Nourishments	203,711
Coffee	30,292
Total	245,214

REPORT OF THERAPEUTIC DIETETICS

The daily number of special diets on the various service is as follows:

Private Patient Service	37

Ward Patient Service	69
West Annex	12
Pavillion	10
Metabolism	3
Total	131

On **Private Patient Service** 4,560 patients were visited—a daily average of 12.5 patient visits.

On **Ward Patient Service** 2,688 patients were visited—a daily average of 7.6 patients visited.

On **Pavillion and West Annex** 2,196 patients were visited—a daily average of 6 patients visited.

On **Metabolism Service** all patients were visited at least once a day—sometimes more depending on requirements.

The diets can be divided into four general groups:

Ward Service

1. Diabetic and Reduction Diets	35%
2. Sodium Restricted Diets	24%
3. Fat Restricted Diets	12%
4. Gastric and Related Diets	29%

Private Service

1. Diabetic and Reduction Diets	39%
2. Sodium Restricted Diets	22%
3. Fat Restricted Diets	18%
4. Gastric and Related Diets	21%

Total number of formal diet instructions given to patients upon discharge—**225.**

FOOD CLINIC REPORT

Fourth year Medical Student lectures from January 1, 1964 to December 31, 1964—14 lectures given to 28 students.

In November, 1964 weekly lectures were replaced by one term lecture, supplemented by one ward round per week with each firm.

This section of "The Dietary Department" has also had 16 meetings with Private Floor and Ward maids for the purpose of orientation and personnel relations, beginning on September 21, 1964.

A paper on the relation of fat and carbohydrate in the reduction diet has been presented to the medical staff and a similar paper presented to "The Annual Meeting" of "The Canadian Dietetic Association."

During the period January, 1964, - December, 1964, a total of 32 persons have been placed on a weight reduction programme involving a low carbohydrate diet with patient visits every three weeks.

The Out Patient Department has sent 47 patients for diet instruction.

DIABETIC DAY CLINIC

The first patient was served meals and given dietary instruction on August 21, 1964. From then until December 31, 1964, 36 new patients received meals and dietary instruction.

Total number of meals were 468, and the breakdown being:

August	5
September	106
October	100
November	169
December	88

Estimate of AM and PM nourishments—350 and H.S. nourishments—450.

REPORT OF NUTRITION & DIET THERAPY INSTRUCTION

Student Nurses

The teaching program for the spring of 1964 consisted of two courses in Diet Therapy; one taught to 81 intermediates and one to 47 juniors. There were two failures.

Nutrition was given in the fall to 105 preliminary students. There were no failures.

In the Diet Therapy courses, 20 one-hour lectures and 7 two-hour labs were given. In Nutrition, there were 20 one-hour lectures and 2 two-hour labs; including a tour of the Dietary Department.

A course outline, containing objectives, content, method of presentation, and learning experiences was drawn up for Nutrition and Diet Therapy. This was discussed with Nursing Instructors and presented to the Director of Nursing Education, Miss MacLean.

Classes	Time	No. Students	No. Hours
Nutrition	Sept. 11 - Oct. 31	105	40
Lectures			(2 groups)
Diet Therapy	Jan. 15 - Mar. 15	81	20
Lectures	Apr. 1 - May 31	47	20
Nutrition	Sept. 16 - Oct. 9	105	16
Labs.			(4 groups)
Diet Therapy	Jan. 15 - Mar. 15	81	42
Labs.	Apr. 1 - May 31		(3 groups)
		47	28
			(2 groups)

Total number of teaching hours for 1964 - 166 hours

DIETETIC INTERNE TRAINING

Three students completed the post-graduate phase of training in May, 1964.

Six students participated in Phase "A" period of training during the summer months of 1964, five students returned for Phase "B" period of training and four students are now completing Phase "C" and "D", making a total of 18 students receiving Dietetic Interneship training during the past year.

SOCIAL SERVICE

No. of Patients Receiving Social Service in 1964		1,832
In Patients	1,211	
Out Patients	621	
Total Units of Service to Patients		19,676

Medico-Social Problems Treated (average per month)	
Planning Convalescent or Nursing Care	114
Social or Family Problems	109
Economic Problem	94
Accommodation	16
Employment	13
Transportation	26
Emotional Problem Related to Illness	58
Rehabilitation Planning	24
Individual Personality Adjustment	55
Other	51

Lectures

To Students Nurses	67
To Medical Students	29
To Social Work Students	18
Addresses to Community Groups	52
Consultative Conferences and Clinics	928
Department Staff Meetings	18

OUT PATIENT DEPARTMENT

The following is the statistical report for the Out Patient Department for the calendar year 1964.

Patient Visits

Number of clinic visits	29,577

Number of Private Patient visits	1,424
TOTAL OUT PATIENT VISITS:	31,001
Number of New Patients	3,526
Number of Clinic Patients	7,883

Source of Referral of New Clinic Patients

Hospital Wards	1,006
Doctors	910
Emergency	401
Self	423
Dalhousie Public Health Clinic	91
Department of Public Health & Welfare	22
Health Nurses	88
Parents	115
Other	470

Distribution of New Clinic Patients

City of Halifax	1,335
City of Dartmouth	304
County of Halifax	992
Other Counties	870
Outside Nova Scotia	25

In Patients Treated

Allergy testings	18
Audiograms	39
E. C. T.	605
In Patient Casts Applied	41
In Patient Minor Surgery	10

CLINIC STATISTICS

	Number of patients Treated	Number of patients Visits
Anticoagulant	50	745
Allergy	58	584
Arthritis	169	621

Chiropody	64	220
Chest	63	203
Diabetic	157	1,501
Diabetic Day Service	36	176
Diabetic Research	101	184
Dermatology	352	1,035
Endocrine	84	210
E. N. T. (includes Tumor)	637	1,219
Eye	1,143	1,960
G. I.	46	121
Glaucoma	142	466
Glaucoma Private Testings		109
Gynecology	417	756
Gynecology Tumor	668	1,250
Gynecology Post-Op.	165	168
Haematology	4	4
Hypertensive	28	212
Heart	149	468
Medical	1,007	2,728
Neurology	198	474
Neurosugery (includes Tumor)	233	382
Orthopaedic	347	700
Psychiatry	903	7,396
Refraction	381	657
Special Cardiac	79	94
Surgery	1,558	3,727
Urology (includes Tumor)	363	740
V. D.	184	467
Other Tumor Patients	668	1,250

Miscellaneous

Miniature chest x-rays taken on clinic patients	681
Prescriptions filled in Pharmacy	22,734
Number of patients referred for admission	986
Number of patients referred for admission to Children's Hospital	64
Number of tests done in OPD Lab	12,899

CLINICAL BACTERIOLOGY

Examinations	Uts.	V.G.H. IN PATIENTS		OUT PATIENTS		REFERRED IN		TOTAL CLINICAL	
		No.	Uts.	No.	Uts.	No.	Uts.	No.	Uts.
Autog. Vaccine	10			1	10			1	10
Blood Culture	6	735	4410	13	78			748	4488
Conjunctive Cult.	5	159	795	152	760			311	1555
Fungus Cult.	7	446	3122	35	245			481	3367
Miscellaneous Cult.	6	2955	17730	293	1758			3148	18888
Miscellaneous Smear	2	3	6	3	6			6	12
Sputum Culture	6	3676	22056	91	546			3767	22602
Sterility Autoclave or Supplies	1	42	42					42	42
Routine Throat Culture	6	414	2070	43	215			457	2285
Throat Culture Staph. & Strep. Disc Sensitivity	4	36	144					36	144
Prim. Direct Disc Sensitivity	1								
Prim. Indirect Disc Sensitivity	2	405	810	36	72			431	882
Secondary	4	7847	31388	536	2144			8383	33532
Urine Culture	6	8423	50538	457	2742			8880	53280
Cysto. 2 Urines	8	23	184					23	184
Cysto. 3 Urines	9	23	207					23	207
Antibiotic Levels	5	9	45					9	45
TOTAL		25096	132947	1660	8576			26756	141523

SCHOOL OF NURSING

Student Enrollment

Students in the school 31 December 1963	323
Admitted 10 September 1964	106
Admitted 29 September 1964	1
Readmitted	1
	431
Complete course	93
Resigned	16
Disqualified	5
Students in the school 31 December 1964	317

Graduation

Graduation was held in the Queen Elizabeth High School Auditorium on May 20, 1964 and 94 graduates received their diplomas. Dr. Henry Hicks, President of Dalhousie University, was the special speaker on this occasion.